LESSON (1)

Albert lin: (Archaeologist)

He is an engineer and archaeologist who use technological tools in order to not dig. He exploring Tikal city.



The features of these tools:

- Simple
- Easy
- Save efforts, time and cost

LESSON (2)

The evaluation of technology		
Dates	**Ages of technology**	**Inventions**
(3000 BCE-1450 CE)	The pre-mechanical Age	Pens, pencils, parchment, paper, abacus and pictures like hieroglyphics on papyrus
(1450 CE-1840 CE)	The mechanical Age	The Pascaline which was an early calculator, typewriter machine and Printing
(1840 CE-1940 CE)	The Electro-Mechanical Age	Telephone, telephone lines, record player and digital computer
(1940 CE-Present)	The Electronic Age	Satellite, GPS, personal computer, laptop, smartphones, online maps and word processor

Made by: Mrs. Nehal M. Elhessy

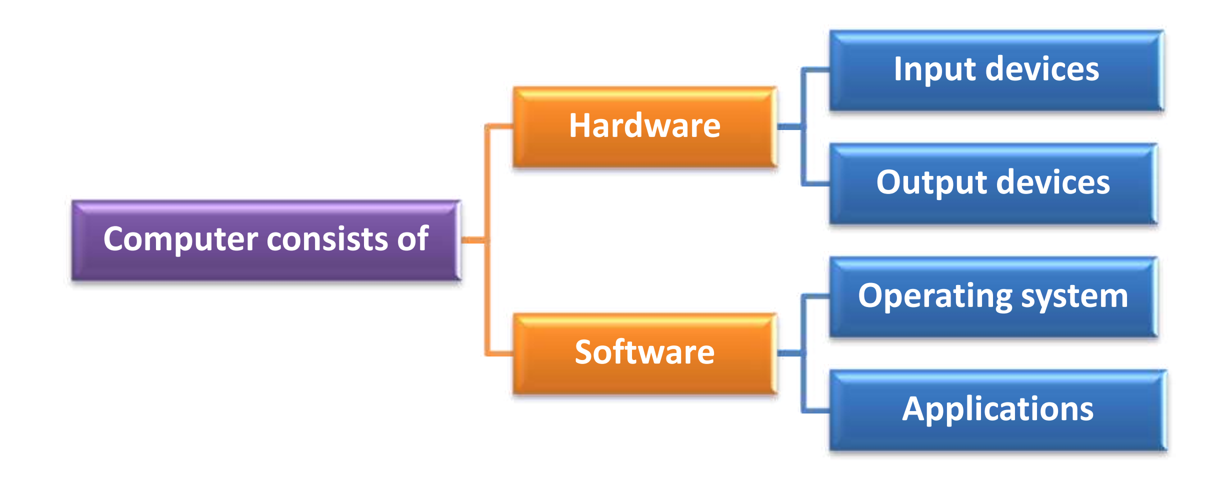
LESSON (3)

Computer:

Is an electronic device for processing data to get information and store it.

Uses of computer:

- Write documents
- Play games
- Create data tables
- Create videos
- Send emails
- Browse the internet
- Create PowerPoint presentation
- Create Excel sheet



Hardware:

It's any part of computer which you can see and touch.

Input devices	
Hardware component	**Type of input data**
Keyboard	Letters and Numbers
Mouse or touchscreen	Directional data
Microphone	Audio
Camera	Images and video
Scanner	Text and images from paper

Output devices	
Hardware component	**Type of output information**
Screen	Visual information: text, images and video
Speaker	Audio
Printer	Text and images on paper
Braille terminal	Text in Braille for blind people
Speech synthesizer	Convert text to speech for people who have speech's problems

LESSON (4)

Software:

It's a set of programs instructing a computer to do specific tasks.

The central processing unit (C.P.U)

Is a part of computer devices, it considered as a brain of computer.

C.P.U is using for process data and confirm it to Information.

LESSON (5)

Assistive technology:

Helps people of determination with tasks which they find difficult to do.

Albirt lin: is an archaeologist and he uses a prosthetic leg.

Stephen Hawking: was a famous scientist, he made use of speech synthesizer.

There are many types of assistive technology such as:

1. Screen magnification software. (Enlarges everything on computer)

   (For people who have low vision problem)
2. Hearing aids. (Models can now be connected to mobile)

   (For people who have hearing problems)
3. Alternate communication software. (Turn text to speech and speech to text)

   (For people who have speech & language disabilities)
4. Sporting tools. such as:
   - Paraclimbing tools
   - Footballs that make a noise.
   - A hand-bike that has 3 wheels.
   - Running blades.

LESSON (6)

Some of technological problems and solutions such as:

ICT Problem	Solution
1- An app won't open.	- Restart your computer. - Check software update. - Ask your teacher or family to help.
2- The mouse cursor isn't working.	- Connect the mouse cable to C.P.U then restart your device. - Replace the mouse with a new one. - Ask your teacher or family to help.
3- You can't find a file.	- Search using the search bar in start-menu. - Ask your teacher or family to help.
4- Your screen freezes.	- Press "Ctrl + Alt +Del" together. - Restart your computer. - Ask your teacher or family to help.
5- The keyboard isn't typing.	- Connect the keyboard cable to C.P.U then restart your device. - Replace the keyboard with a new one. - Ask your teacher or family to help.

LESSON (7)

Scientist and archaeologist can search to solve problems. They collect, analyze and graph data.

- **Collect:**

  You can collect data from a variety of sources, such as:

  - Books and Articles. (digital or print)
  - Records.
  - Surveys.
  - Experiments.

- **Analyze:**
  - Review your findings.
  - explain what those finding meaning.
  - Use the data to find out what happened, why it happened and what should be done.

- **Graph:**
  - A common graph is a bar graph.
  - You can draw graphs on paper, or make them on a computer using Excel program.

LESSON (8)

Researchers report the information they gather in many different ways Such as:

- Blogs
- Published articles
- Social media sites
- Interviews
- TV programs

➢ A common way to report data is through E-mail.

➢ Other ways are video chats and text messaging.



LESSON (1)

Anika Ullah: (Biologist)

She is a biologist. She discovered that eating too many of the betel nut which is an unusual nut can cause cancer.

- **Ms. Ullah used the internet to communicate with other people to sent an important message.**
- **Ms. Ullah wanted people to use these nuts more safely.**

The sequence of activities when you search something online:

1- Think about the search terms or key words you will use.



2-Decide what information you want to find out.



3- Cross check facts by trying to find them in more than one place.

4- Look carefully at the information that you have found.

5- Tell the reader where the information came from.

LESSON (2)

Communicating online:

There are many ways to communicate online. You can use instant messaging, email and message forums.

Unsafe websites:

- Don't click on links that you are unsure.
- If you click on an unsafe link, leave the site and tell your teacher or a family member to feel safe.

Sharing data online:

- Don't share personal data online without asking your teacher or a family member.
- If you share your personal data online, you may receive spam messages.

Downloading files:

- Think carefully before you download files. Some files have viruses.
- Viruses can damage your computer.

The important terms:



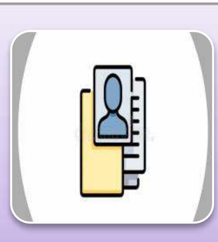
Block

- **Block someone who is unkind, that person can't see your posts or contact you.**



Download

- **It's transfering and saving a file from the internet to your computer.**



Personal information

- **Such as: your photo, name, address, school and phone number.**



Spam

- **Spam mail insludes unwanted messages to advertise products.**
- **If an email includes unfamiliar address, unknown links or messages in ALL CAPITAL LETTERS, it might be spam.**

LESSON (3)

Posting online:

- Tag someone this mean that you identify that person in a post, photo or video.
- It's important to be sure the person you're tagging is ok with this.
- Before you post something on social media and tag your friends, make sure to ask them permission first.
- Respect privacy of your friends.

Crediting others:

- It's important to credit sources that provide you with information that you share with others.

Respecting the law:

- Don't go on banned sites. Banned sites publish immoral and harmful material.
- Ask your teacher or a family member before you go on a new site.

The positive effects of ICT tools

1. you can read the news with just a click of the mouse.
2. You can upload and download videos and photos.
3. You can communicate with friends and family in all the world.

The negative effects of ICT tools

1. you may come across something online that upsets you.
2. You can get eye strain or headaches from using your device too long.
3. some people may rely on searching on Google to answer all questions, even though it doesn't always give the right answer.

Made by: Mrs. Nehal M. Elhessy

LESSON (4)

The important terms:



Browser

- is a software application that is used for accessing information on the internet, such as:



Search engine

- is a software application that carries out web searches, such as:





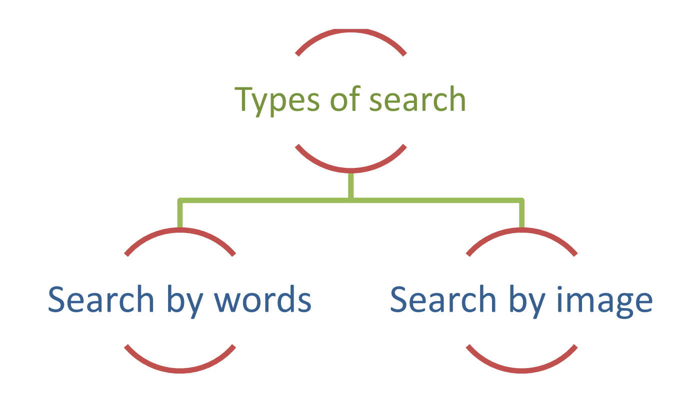


Result

- a list that is compiled based on a search.

Take these Steps to search safely:

- Use the safety features of browsers you choose to do searches on.
- Choose browsers that warn users about to enter an unsafe site or download a harmful app.
- If you get a warning message, don't proceed to the site or with the download. (Ask your teacher or a family member)
- Choose browsers that have search engine set up for children and a parental control app.
- Choose child-friendly websites that include filters to avoid you clicking on unsuitable videos.



Steps to search smartly by words:

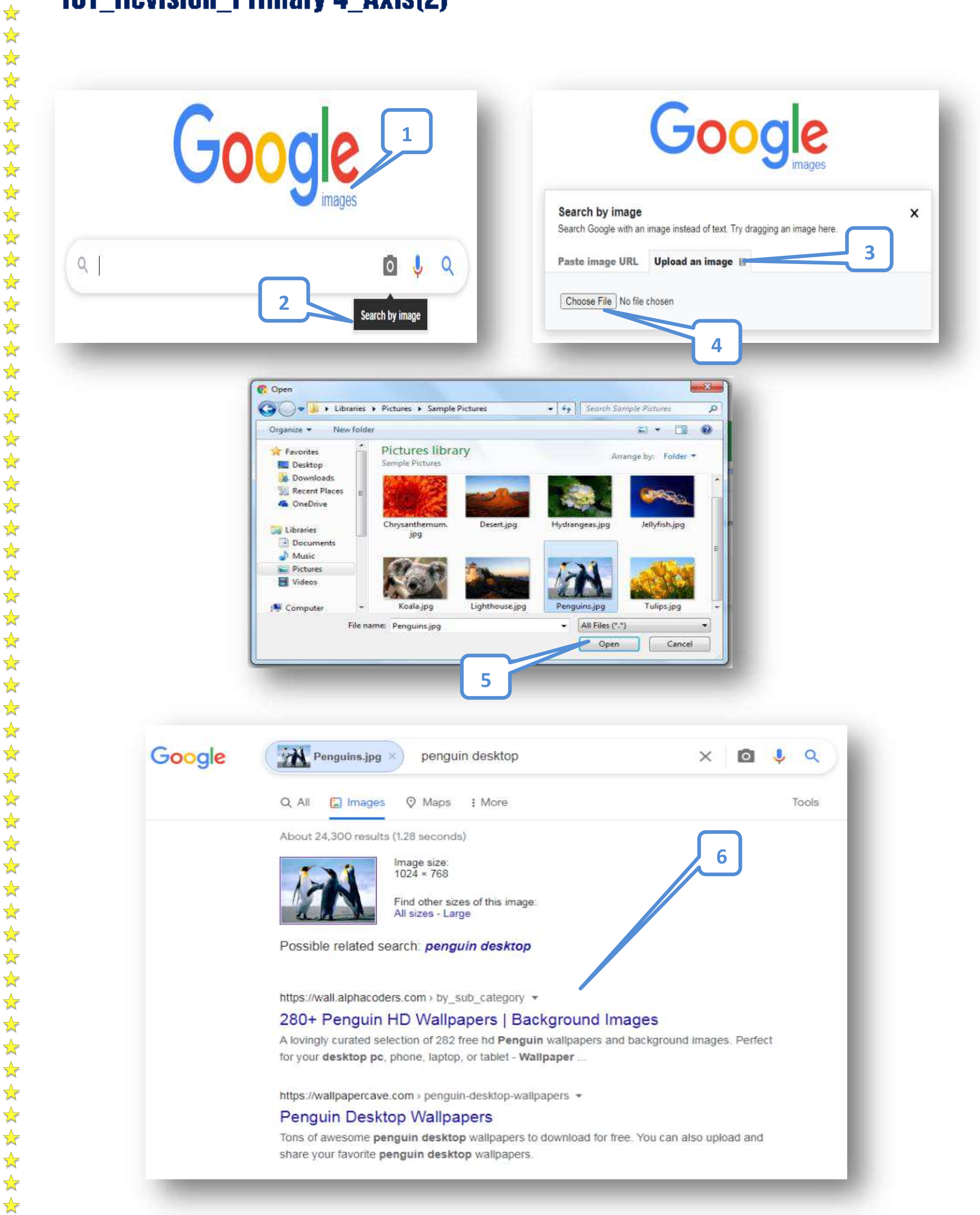
- Type long phrases, not a couple of words to get better results.
- Choose specific keywords for your search, not public keywords to get a helpful result.
- Use some signs to get better results, such as:

Sign	Use of the sign
(+) sign	- Search engines ignore some words like (*the, and, how, where, or*), To include them add a (+) sign before the word. Ex: Football players + Mansoura
(–) sign	- Search engine avoid unwanted results, just type (–) sign before words you would like to avoid. Ex: Different breeds of cats – cat jokes
" " Quotation	- Search engine narrow your search to the exact wording, just put the phrase inside quotation marks. Ex: Types of plants "plants can survive with no direct sunlight"

Steps to search smartly by image:

1. Open Google images search engine.
2. Click 📷 search by image.
3. Click upload an image tab.
4. Click choose file.
5. The open window will appears, select an image then click open.
6. The results of your search will appear to select a suitable result.

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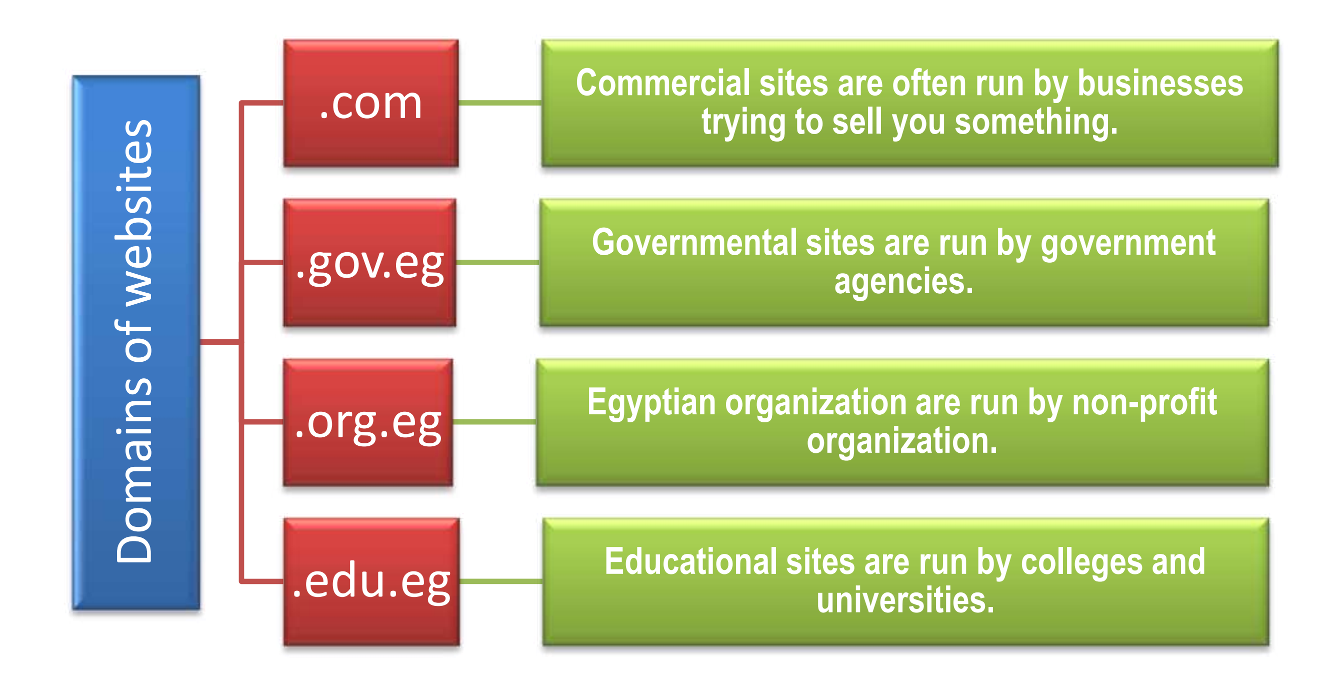

1
2
3
4
5
6
Google images
Search by image
Search by image
Search Google with an image instead of text. Try dragging an image here.
Paste image URL
Upload an image
Choose File No file chosen
Open
Pictures library
File name: Penguins.jpg
Open
Cancel
Penguins.jpg
penguin desktop
About 24,300 results (1.28 seconds)
Image size:
1024 × 768
Find other sizes of this image:
All sizes - Large
Possible related search: penguin desktop
https://wall.alphacoders.com › by_sub_category
280+ Penguin HD Wallpapers | Background Images
A lovingly curated selection of 282 free hd Penguin wallpapers and background images. Perfect for your desktop pc, phone, laptop, or tablet - Wallpaper ...
https://wallpapercave.com › penguin-desktop-wallpapers
Penguin Desktop Wallpapers
Tons of awesome penguin desktop wallpapers to download for free. You can also upload and share your favorite penguin desktop wallpapers.

LESSON (5)

Reliable online sources	Unreliable online sources
They're websites which written well, with almost no mistakes and the design of the page look professional.	They're social media apps and websites which include opinions, errors, or even lies.
Such as: - The Egyptian Knowledge Bank (EKB). - Websites with .gov, .org, .edu domains.	Such as: - A group page. - Wiki sources. - Blogs. - Some of websites with .com domain.

The most important steps to confirm online sources:

- Check to make sure the date of publishing is current.
- Check the users – who are they? Are they experts in their field?
- Ask you teacher or a family member to help you check.



LESSON (6)

Online Problems:

- They are common; they can be scary and make you feel helpless or unsafe.
- They are like: online bullying and online identity theft.

Online Problems



Online bullying:

- Is repeated unkind behavior towards someone which make him feel trapped.
- It can include (mean posts, messages or text)

Solution:

- Make sure not to contact any one you don't know.
- Ask your teacher or a family member for help.



Online identity theft:

- Is used your personal information (social media accounts, password, address, email or phone number) by someone who stolen online (hacker).

Solution:

- Ask your teacher or a family member for help.
- Ask your local police department for help.
- Ask The Egyptian General Department for Combating Internet Crimes

الإدارة المصرية العامة لمكافحة جرائم الإنترنت

LESSON (7)

My personal digital safety plan is:

1- Creating strong passwords.
2- Choosing anti-virus software.
3- Be careful while using the internet.

Password

- A strong password should be at least 8 characters.
- A strong password will include letters, numbers and special characters.
- Password shouldn't include your name or other personal data.
- Don't use the same password for all your accounts.
- Use a password manager to remember a lot of password or keep a list of your passwords in a safe place.

Anti-virus

- It's a software that catching viruses before they affect your device.
- It can also remove viruses that already affected your device.
- It can fix damaged files.
- Choose software that protects your device and is easy to use.

Using the internet carefuly

- Use different passwords for your accounts like (facebook, email).
- Use different passwords for your digital devices (computer, laptop, tablet and mobile phone)
- Install anti-virus software on all your devices.
- Use websites that offer security services for your accounts.
- Make sure that you choose strong passwords which nobody can guess.

The important terms:

A computer virus:

It is a file can cause big problems, such as sending an email to everyone or deleting your files.

Hacking:

It is the unauthorized access to your computer or accounts to stole it.

The person who does it is called *hacker*

LESSON (8)

Researchers and scientists prepare digital reports about the subject of their studies using various programs like PowerPoint or video; they also post them on their personal blogs.

PowerPoint:

It is a Microsoft program that creates a slideshow of the material you want to present.

Features of PowerPoint program:

- It is a fun way to present your ideas to others.
- You can use WordArt that make text look interesting.
- You can include text, images and sound effects to your presentation.

Videos:

- Make your own video to present your research by using the camera of your laptop, tablet or mobile.
- Make interviews with others and include them in your video.
- Download special video software to add fun effects with different sounds and images.

Posters:

- It is one of fun and effective way to present your research.
- Choose fun colors when writing information.
- Include drawing photos or cutouts.
- Make sure that the text is large enough for others to read from a distance.

Remember Present your idea clearly and Credit your sources.



Information and Communication Technology (ICT)

Fourth Grade

First term 2022/2023



Them 1

The role of ICT in our lives

Name/

Class/

Lesson 1:- Explorer in Action

1-Choose the correct answer from the following options:-

1-your friend sent an email containing his address, this means that he used...

A-Ground penetrating radar　　b-Magnetometer　　c- GPS

2-A device that detects what is underground……

A- Magnetometer　　b-global positioning　　c- Penetrating radar

3- A device that detects metallic bridges underground

A- Magnetometer　　b-global positioning　　c- Penetrating radar

4-To send a message to someone who isn't close to you, taking care not to share your personal number, you must use ……..

A-Regular mail message　b-Text message　c-Voice message　d-Email

2- Put (√) or (×):-

1-The global positioning System (GPS) is used to explore underground minerals (　)

2-The engineers relied on the magnetometer to locate the construction sites (

3- Ground penetrating radar is used to detect objects buried underground (

4-The tourist doesn't depend on the penetrating radar to locate the different places (　)

5-The goal of adding the global positioning System (GPS) to all smart phones is to detect the locations of antiquities (　)

3-Complete the following statements:-

1-The Global positioning System (GPS) is denoted by……………………….

2-……………..helped to explore everything that is new and beneficial to science and society.

3-………………..…..uses satellites to communicate and locate objects.

Lesson 2: The evolution of technology

1- Put (√) or (×):-

1-The era of the mechanical revolution is the era in which electricity appeared ( )

2-Technology devices in our time are one of the reasons for the transmission of information ( )

3-The Pascaline machine is one of the most widely used machines in our time

4-The discovery of letters and numbers helped bring information to the modern age ( )

5-The information age extends to our present age ( )

2-Complete the following statements:-

1-The first version of a calculator is a………………………………….

2-The first device that was discovered in the era of the electrical revolution is……………………..

3-The era in which electricity first appeared is the era of…………..

4-One of the means that enables you to message your friends around the world is……………………

3-Choose the correct answer:-

1-……..is used in the modern era as a means of communication

(Paper letters – E-mail – Pascaline)

2-It was discovered in the era of the electronic revolution

(Satellite – Printer – digital counter – calculator)

Lesson 3: Components of computer systems

1-Choose the correct answer:-

1-Allows to enter sounds to the computer and record words

(Printer – monitor – microphone – speakers)

2-A device that allows non-native speakers to speak

(Speech synthesizer –loudspeakers –display screen –scanner)

3-Used to direct objects by selecting, dragging or inserting

(Printer – microphone – scanner -mouse)

4-All of the following are components of input units, except

(Touch screen – mouse – scanner – display)

2- Put (√) or (×):-

1-The computer converts information into data ( )

2-A laptop is larger in size than a personal computer ( )

3-The microphone is an input device ( )

3-What is the function of each component of the computer?

Components	Function
	Allow interaction with, and selection of information
	Displays visual data :texts ,images, and videos
	Allows input of images
	Allows input of Text
	Allows input of text and images from paper
	Allows input of text and images on paper
	Allows input of audio
	Allows output of audio

Lesson 4: Software and operating systems

1- Put (√) or (×):-

1-The operating system isn't necessary for the operation of the computer (   )

2-Presentation program helps to display information (   )

3-Software whose function is to control the processed data so that the user can take it out (   )

4-The keyboard and screen are among the devices responsible for operating the computer (   )

5-The data processing unit (CPU) that controls the sending of commands to the operating (   )

2- Complete :-

(PowerPoint –word – CPU –Software –Browser –Operating system)

1-……………help the user in carrying out their own tasks such as creating a presentation or creating a report

2-…………it is primarily responsible for how orders are executed and to ensure that the user reaches what was initially ordered.

3-…………..it is a program that helps to display information and add text, images and graphics

4-……………it is one of the portals to enter the world of the internet and websites

Lesson 5: Supporting people of determination

1-choose the correct answer from the following tests:-

1-Converting letters into prominent symbols and allowing them to be read by touch

(Braille method – Screen reader – motorized chairs – earphones)

2-It helps people of determination to move…………….

(Earbuds –prosthetic –devices –amplifiers –alternative sports – equipment)

3-…………programs help visually impaired people to interact with the computer

(Screen amplifiers – earphones – microphone –motorized chairs)

4-………….help people of determination to communicate verbally and linguistically with others

(Screen magnifiers – alternative communication software – elevators – Braille)

5-Tricycles that help people of determination

(Earbus – Braille – screen amplifiers –sports equipment)

2- Put (√) or (×):-

1-Archaeologist Albert lin lost his leg and relied on earphones to perform his duties ( )

2-The use of assistive technology makes it difficult for users to perform their daily tasks ( )

3-Screen magnification software is used to help people who have lost a limb (

4-People of determination are the only ones who benefit from assistive technology ( )

Lesson 6: Common ICT problems and solution

1- Put (√) or (×):-

1-It is impossible for any computer to malfunction ( )

2-The first thing you do when you have a problem with your computer is to call an older person ( )

3-Press Del+Alt+Ctrl if the mouse is not activated ( )

4-Restarting the device helps to solve most of the problems ( )

5-In the event that an application does not open from the first attempt, it is preferable to delete it from the device first, and then reinstall it ( )

1-choose the correct answer from the following tests:-

1-An important choice that should be made after repairing or reinstalling the mouse in the device, is……………..

A-Delete an application from the device b-Reboot the device again

C-Connect the power charger to the device d-Check the electrical connections

2-when you are unable to solve some of the problems that you may encounter, you should do……………

A-Leave the problem standing and stay away from it

B-Delete some documents from your computer

C-Disconnect the connections for the keyboard

d-Ask your teacher or a family member

3-The command responsible for closing PC or mobile application is....

A-Alt+Ctrl+Del b-Alt+Del+Shif c-Alt+Del+Tab d-Del+Tab+Shift

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Lesson 7: Collecting, analyzing and graphing data

2-Complete:-

1-………………….it is considered one of the digital sources for data collection

2-The last stage after analyzing the data is ………………………

3-The graph is the most used as it displays different categories of information ………………………………

4- Non –numerical sources that are relied upon to collect data, are……………………….

5-The objective of the data analysis process is to be more accurate to obtain………………………..

Lesson 8: Reporting Findings

1-Complete the following statements:-

1-Through which information is presented and guests who specialize in a particular topic are interviewed, which is……………

2-It is considered as a diary or a page to share personal opinions, and one individual is responsible for it, which is………………….

3-It is…………….…….the means that helps to share different opinions, and helps to exchange information

4-A way of communicating through different places by sound and image, is …………………………………..

2-Put (√) or (×):-

1-All information in social media is considered reliable (   )

2-The owner of the blog is the only person responsible for the information inside it (   )

3-An email can be sent without the addressee (   )

4-Text messages are quick solutions to deliver quick information (   )

5-The graph is a clear way to display comparisons between the different results (   )



Them 2

Digital Safety and security Precautions

Lesson 1: Explorer in action

1-Put (√) or (×):-

1-All websites on the internet are trusted ( )

2-Choosing accurate words help us to search accurately on the internet ( )

3-One source of information is sufficient to from ( )

1-Complete the following statements:-

1-The internet is important because it helps in getting……………..

2-One of the problems of searching on the internet ………………..access to the source of information on some websites

3-friend can use……………as a way to communicate between them.

Lesson 2: online dangers and how to be safe

1-choose the correct answer from the following option:-

1-your friend sent you an email with a file attached. You must

A-Open the message and download the file b-clear the message

C-Contact and confirm if he is the one who sent it

D-Blocking the author of the message

2-you made presentation using information from a well – known site, you must

A-Put the source of the information into the presentation

B-Submitting the offer without mentioning the source

C-Not to use information other than your own

D-Taking information from unreliable sources

3-………..is considered personal information

A-Nick name b-Video c-Age d-Address

4-Clicking on unknown links causes…….

A-There is important information b-Nothing

C-Viruses downloaded to your device by mistake d-Device shutdown

Lesson 3: Using ICT tools in a healthy and ethical way

1-Put (√) or (×):-

1-A colleague of yours using information from an article in his project and documenting the source is correct ( )

2-Some of the banned websites are characterized by publishing accurate information and ethical and useful materials ( )

3-One of the advantages of ICT is that it helps people of determination ( )

4-Technology means may be harmful in terms of transmitting false information ( )

5-The sites on the internet are more trustworthy, on matter what or the internet search is characterized by the speed in finding the information ( )

2-choose the correct answer from the following option:-

1-The content of the information published on the internet must be:

A-Harmful b-Vague c-reliable d-completely new

2-Spending a lot of time using technology leads to…………

A-Happiness b-laziness c-activity d-rest

Lesson 4: How to search online

1-Put (√) or (×):-

1-To get the best results when searching, only two or three words can suffice (   )

2-you can use the image instead of the words in the search process (   )

3-we can avoid unwanted results by using the (+) symbol (   )

4-you can add the (+) symbol before the word you want to include in your search results   (   )

5-Use the (+) sign to get fewer and more accurate search results (   )

2-choose the correct answer from the following option:-

1-If you are looking for a specific sentence, put this sentence

A-within quotation marks "" **b-before the symbol (-)**

c-within brackets ( ) **d-after the (+) symbol**

2-The code that ensures that the search includes the words or letters you want in your search is

A- (+) **b- " "** **c-(-)** **d-(   )**

3-Users rely on searching through the internet

A-Search engines dedicated to children

B-Website rendering software

C- Word processing program **d-Browsers**

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A- (+)   b- " "   c-(-)   d-(   )

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C- Word processing program   d-Browsers

Lesson 5: How to check whether information online is true

1-Put (√) or (×):-

1-The information in all electronic sources can be relied upon: Because it is a lot of innumerable information (   )

2-"Wiki" is considered an unreliable source (   )

3-edu link. It is run by non-profit organization (   )

2-Match:-

A-Egyptian organization	☐	gov.eg
B-commercial sites	☐	Org.eg
C-governmental sites	☐	Edu.eg
D-educational sites	☐	Com

Lesson 6: who can help you with online problems?

1-Put (√) or (×):-

1-Communicating with people unknown to you may expose you to bullying (

2-If you receive a message containing obscene texts, you must send it to your friends ( )

3-Bullying has a psychological effect and sometimes patients have the bully (

4-Identity theft of celebrities only is one of the problems of the internet ( )

5-It is not permissible to add unknown people to your friends list in social networking sites ( )

2-choose the correct answer from the following option:-

1-you saw a post by your colleague that offends you on a topic, what should you do

A-Do not comment b-Bully his opinion
c-Block him d-Report to the relevant authorities

2-your personal picture was found on the internet on an account that you have no relationship with and with a different name than your name .this is considered

A-Bullying b-withholding your information
c-An opportunity to increase your fame d-stealing your identity

Lesson 7: My personal digital safety plan

1-Put (√) or (×):-

1-To remember your password, you can use your name or any personal information ( )

2-To ensure that your device is protected from viruses, you should choose complex software to use ( )

3-Choosing different passwords for your accounts on the websites will keep you safe on the internet ( )

4-your colleague sharing their password with you is correct ( )

5-The aim of hacking is to disrupt the stability of your device ( )

2-choose the correct answer from the following option:-

1-Choosing an easy password may expose you to……….

A-Hacking b-Both are right c-Both are wrong d- Hacking

2-To create a strong password: it must not consist of less than letters

A-three b-six c-nine d-eight

3-it is used to log in to your personal account

A-Virus b-hack c-password d-Hacking

4-It destroys your device

A-Virus b-hack c-password d-Hacking

5-Accessing someone else's account without permission

A-Virus b-hack c-password d-Hacking

Lesson 8: Practicing what you have learned

1-Put (√) or (×):-

1-To create a video, you need a device with a camera and built-in microphone (   )

2-Writing in a thin line on advertising posters helps to read information from a distance (   )

3-PowerPoint is a software owned by Google (   )

4-Determining the target audience is important to determine the contents of any presentation and videos can be added in the advertising posters (   )

5-Researchers need to conduct interviews to gather more information in their research (   )

6-Adding sound effects to the presentation add fun to the viewers (   )

7-Posters are used as a means of advertising (   )

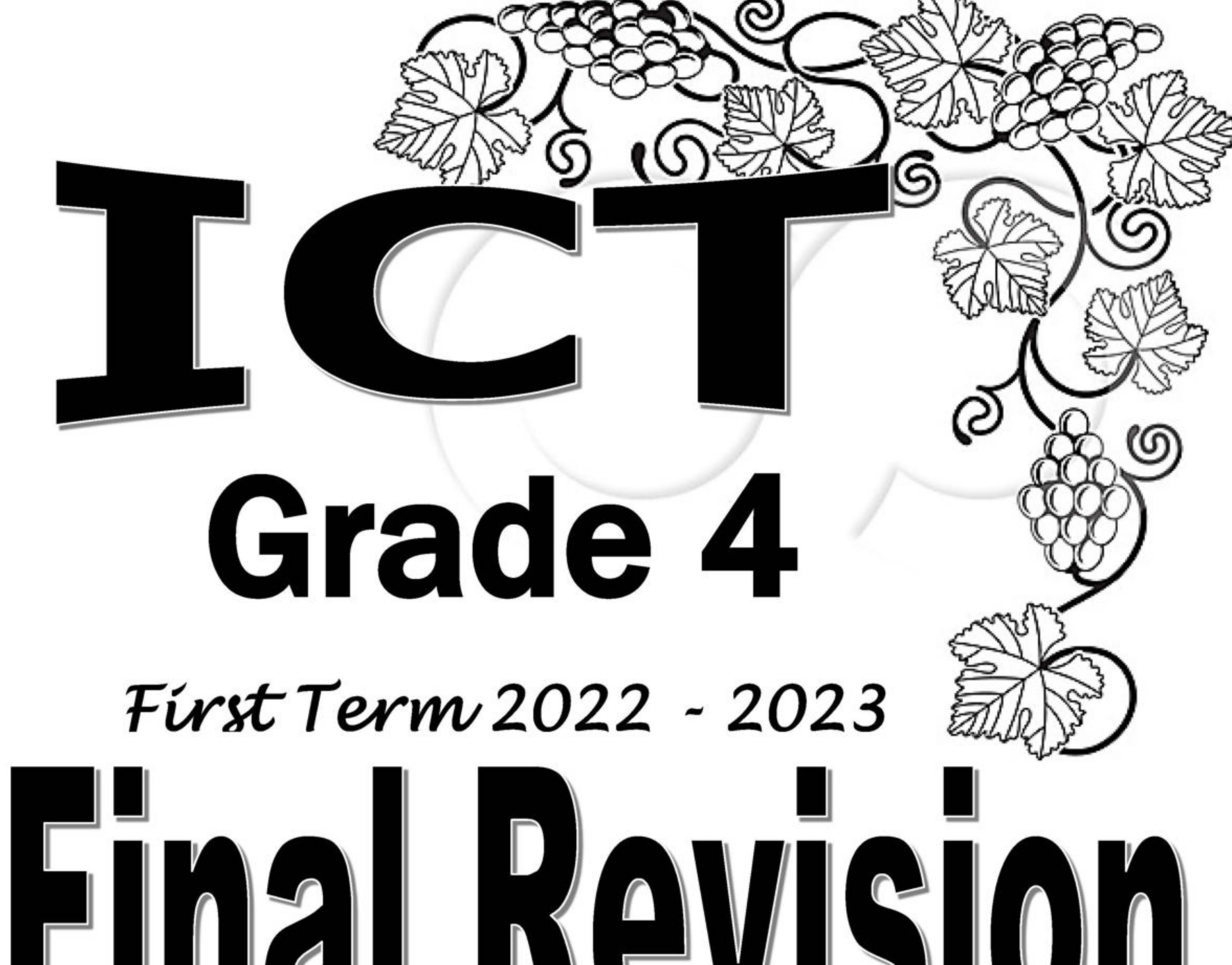
2-choose the correct answer from the following option:-

1-You can conduct interviews with others and add them to your profile

A-Video   b-Poster   c-Presentation   d-Microphone

2-It is used to create videos

A-Mouse   b- Presentation   c-Mobile phone   d-Advertising poster



ICT

Grade 4

First Term 2022 - 2023

Final Revision

Mr. Ahmed Elbasha

* طبقاً لأخر تعديل في المادة للعام الدراسي 2023-2022



Final Revision

Mr. Ahmed Elbasha

✹(1) Choose the right answer:

1. The .... is responsible for processing data.

a. printer b. screen c. CPU

2. Information is considered the processing product of ....

a. data b. digital blogs . c. email

3. Messages calling for unreal advertisements on your email are ....

a. downloaded files b. spam c. personal data

4. .... is a way that converts letters into prominent symbol s that can be read by touching.

a. Earpiece b. Screen c. Braille

5. The .... enables you to take the audio clips out of the computer.

a. mouse software b. speaker c. screen zoom

6. One of the advantages of ICT tools is ....

a. Data theft b. Helping people with disabilities c. Overuse of electronic devices

7. .... program is used to write CV (Resume).

a. Screen magnification b. Word program c. Speech synthesizer

8. Screen zoom software is used to help people who suffer from ....

a. hearing impairment b. visual impairment c. limb loss

9. .... is used to copy paper inside the computer.

a. Display screen b. Speech installer c. Scanner

10. One of the devices that word processing software needs to write on your computer is ....

a. Keyboard b. Scanner c. Printer

11. The information provided by the .... is reliable.

a. Keyboard b. EKB c. facebook

12. .... is repeated unkind behavior towards someone

a. Bullying b. Screen c. Mouse

13. We can watch the news with a single click of the mouse, of the positive effects of ....

a. TV b. ICT tools c. Blogs

14. The abbreviation (....................) stands for Egyptian Knowledge Bank.

a. EKB b. Tablet c. Laptop

15. Do not go to .... these sites may publish unethical materials, or harmful.

a. Blogs b. blocked websites c. Tablet

16. Websites whose links (....................), and (edu) are highly credible.

a. gov b. org c. All of the previous

17. .... whose ends (.com) are trusted sites.

a. Websites b. Tablet c. Laptop

18. A bully is a .... person.

a. good b. bad c. smart

19. If your friend sends you a file and you want to save it, you need to ....

a. block the file b. download the file c. scan the file

20. Screen magnifying software allows .... to interact with computers.

a. people who lost their limbs b. visually impaired people c. hearing impaired

21. .... are used to communicate by image and sound.

a. Video chats b. Digital articles c. Digital blogs

22. .... is a device that is used during a video chat.

a. Printer b. Scanner c. Camera

23. A program that students use to write is ....

a. Word b. PowerPoint c. Google Chrome

24. One of the input devices that allows interaction with and selection of information on the screen is the ....

a. camera b. speaker c. mouse

25. The .... is responsible for processing data.

a. printer b. screen c. CPU

26. Messages calling for unreal advertisements on your email are ....

a. downloaded files b. spam c. personal data

27. Cameras and microphones are used in ....

a. published articles b. text messages c. video calls

28. expressing the data in a graph, we must ....

a. share it b. analyze it c. delete it

29. Messages calling for false advertisements on your email are ....

a. downloading files b. spam messages c. personal data

30. .... is used to copy paper inside the computer.

a. Display screen b. Speech synthesizer c. Scanner

31. When there is a problem opening an application on the computer, you may need to ....

a. rest art the device again b. replace the mouse c. replace the keyboard

32. The CD is considered from the .... sources.

a. digital b. printed c. drawing

33. To help in searching for a file on computer, you should use

a. Word b. Search box c. delete

34. One of the strongest passwords is ....

a. Mostafa b. Ahmed#@3# c. Ahmed

35. .... an electronic device whose function is to receive data, process it, convert it into information, and store and retrieve this information at any time.

a. Computer PC b. Laptop c. Tablet d. all the previous

36. The computer is used for ....

a. Writing documents b. Sending e-mail and surfing the Internet
c. Games d. All the previous

37. The shape of the computer and its components differ according to ....

a. Type and date of manufacture b. Mouse
c. Keyboard d. Speakers

38. .... used for writing on the computer.

a. Mouse b. Keyboard c. Spreadsheet d. Email

39. .... a device for extracting information from a computer onto papers.

a. Printer b. Keyboard c. Monitor d. Scanner

40. …..... is one of the digital means that can be used to organize information.

a. webcam b. Android c. Excel

41. You can create .... on paper or do it use a spreadsheet program.

a. graphs b. oil paintings c. cartoons

42. The most popular graph is a .... graph because it shows different categories of information and clearly compare them.

a. horizontal b. column (bar) c. horizontal and vertical

43. The .... was used for the first time in the era of the mechanical age.

a. GPS b. Pascaline c. graphics

44. A .... is an electronic device whose function is to receive and process data, store and retrieve information at what time.

a. computer b. GPS c. printer

45. Windows is one of the most popular ....

a. application b. operating systems c. program

46. .... of the basic components of a computer.

a. Camera b. central processing unit (CPU) c. Microphone

47. .... are responsible for running and managing a computer.

a. Laptop b. Operating systems c. graphics

48. The era of the electronic age is known as the era of the information revolution that saw the invention of ....

a. Satellites b. Papers c. Images

49. The .... is used to type letters and numbers on the computer.

a. Blogs b. PC c. keyboard d. Video chat

✹(2) Put (√) or (X) :

1. The GPS is used to find places you might need to visit. ( )
2. The CPU is a type of software . ( )
3. Websites whose links (org) have high credibility ( )
4. You can download files on your device without an internet service ( )
5. Email is used to share data and communicate among your friends. ( )
6. The Egyptian Knowledge Bank is from the trusted digital sources ( )
7. Data entry is the last stage of access to final information. ( )
8. When someone is blocked, they can not see your posts. ( )
9. gov.eg is a domain for credible websites. ( )
10. you can find your own picture on your computer through the search box. ( )
11. It is recommended that your password be weak and easy to predict. ( )
12. windows is the most popular operating system. ( )
13. The most popular graph is a horizontal graph because it shows different categories of information and clearly compare them. ( )
14. It is not important to have a strong password. ( )
15. When you tag someone, it means identifying that person in a post ( )
16. All digital articles contain text only. ( )
17. Mails and text messages from the means of communication. ( )
18. The mouse is used to typing on the computer. ( )
19. Tablets and PCs are not ICT devices. ( )
20. Antivirus software can remove viruses that have already affected your computer. ( )
21. The term "EKB" refers to the Egyptian Knowledge Bank. ( )
22. Braille method converts letters into prominent symbols that can be read by touch. ( )
23. GPS is connected to satellites to locate positions. ( )
24. You must ask permission before posting any information a bout your friends ( )
25. The quotation mark "   " is used to limit the search results you want ( )
26. The Earth's penetrating radar is used to detect underground bodies. ( )

27. Choosing search words precisely helps us get the required search results. ( )

28. MS word is a kind of device ( )

29. CPU is a type of software. ( )

30. Information is the final result we get after processing the data. ( )

31. (GPS) is connected to satellites to determine locations. ( )

32. The use of technology is limited to archaeologists and not to other scientists. ( )

33. Technological tools help archaeologists explore in simple and easy ways, saving effort and cost. ( )

34. Electricity was used for the first time in the era before the mechanical revolution ( )

35. E-mail and text messages are not from the means of communication ( )

36. All computers have fixed uniform components and shape . ( )

37. Some computers are handled by touch. ( )

38. The mouse is one of the information output devices ( )

39. Computers are used to run games applications only. ( )

40. Computers are used for various purposes such as taking notes or browsing the Internet and create tables. ( )

41. You should ask your teacher for help if you have a problem with your computer at school and you can't solve it. ( )

42. You can follow the steps for collecting, analyzing, and expressing data in graphs, to create a survey for your classmates about favorite subjects ( )

43. The mobile phone is one of the means of modern technology, used to communicate with others. ( )

44. Satellites used to transmit ball matches only. ( )

45. There are no different sources of data. ( )

46. All data is reliable. ( )

47. PowerPoint program makes a presentation of a project in a simple and easy way. ( )

48. You don't have to be a scientist or an engineer to use a computer. ( )

49. The first computer was discovered in the era of the mechanical revolution. ( )

✹(3) Match :

1

A	B
1. The shape and its components differ according to the device's model	**a.** Para climbing tools
2. Allows climbers with limb difference to climb mountains	**b.** Excel
3. You can draw graphs on a computer using software like	**c.** Hardware and Software
4. Computer components are divided into	**d.** computer

1- **2-** **3-** **4-**

2

A	B
1. The Electronic Age	**a.** Typing machine, calculator
2. The Electromechanical Age	**b.** Satellite, smart phone
3. The Mechanical Age	**c.** Manuscripts, papers
4. The Pre-Mechanical Age	**d.** Telephone and recording device

1- **2-** **3-** **4-**

3

A	B
1. Keyboard	**a.** outputs audio data
2. Speaker	**b.** presents your ideas through bright colors , graphics and shapes
3. Screen	**c.** views visual data
4. Personal information	**d.** inputs letters and numbers
5. Advertising poster	**e.** like name, address, and birthdate

1- **2-** **3-** **4-** **5-**

4

A	B
1. It is used to input texts and images from paper into the computer.	**a.** Scanner
2. It includes my name, address and date of birth.	**b.** Browser
3. Help you protect your device.	**c.** Screen zoom software
4. It helps people with visual impairment to read e-books.	**d.** Anti-virus programs
5. It is used to search on the internet	**e.** Personal data

1- **2-** **3-** **4-** **5-**

5

A	B
1. It is .... an example of assistive technology for people of determination.	**a.** GPS
2. A tool .... used to locate your location by satellite.	**b.** CPU
3. The operating system sends the data to the .... unit for processing.	**c.** Hearing aids

1- **2-** **3-**

6

A	B
1. One of the data collection sources	**a.** personal information
2. Like name, address and birthdate.	**b.** speaker
3. Outputs audio data.	**c.** books and magazines

1- **2-** **3-**

✹(4) Try to answer

1

Complete from words between brackets:

(Personal data - CPU - screen zoom software)

1. .... helps people with visual impairment read e-books and e-magaz1nes.
2. .... controls data and the way it is processed.
3. Your name, address and date of birth are considered ....

2

Complete from words between brackets:

(Speaker - Windows - Spreadsheet)

1. From the components of your computer the .... to hear audio clips.
2. .... from an operating system.
3. One of the programs used in data analysis is ....

3

Complete from words between brackets:

(image - Blogs - Search engine - gov - EKB)

1. websites whose links (....................) and (org) are highly credible.
2. The term (....................) stands for, Egyptian Knowledge Bank.
3. .... are unreliable sources, because it may include personal opinions, misconceptions or lies.
4. if you are looking for information about a specific .... you can use the image instead of words in your search.
5. ....is an application, designed, to help search for data and information online.

4

Complete from words between brackets:

(Keyboard - Passwords - Interview - Books and magazines - GPS)

1. .... is a conversation between two or more people to obtain information needed for a topic.
2. .... is used to locate objects by satellite.
3. .. .. enables us to write letters and numbers.
4. .... must include symbols, numbers and special signs.
5. .... are from the sources of data collection

5

Complete the following sentences:

(Satellites - Global Positioning System – Drones -Ground-penetrating radar)

1. .... one of the tools used by archaeologists to find buried objects underground.
2. The pictures obtained by archaeologists, some of which may be from .... others may be from ....
3. You receive a message from a friend informing you that he has lost his way, so you try to find him using .... it is called GPS.

6

Fill in the blanks in the following table from the rackets.

(Video chats - Blogs - Email)

1	Allows an individual or group of individuals to express their opinions to their followers or audience.	....
2	It is a visual communication (audio and image) over the Internet using a webcam.	....
3	One of the ways archaeologists rely on reporting on the information they collect.	....

7

(GPS - ground penetrating radar - magnetometer)

1. .... uses to locate minerals from underground.
2. .... uses to locate objects above the ground.
3. .... uses to locate underground objects.

8

Choose the correct answer from the brackets:

(Data collection - bar graph - excel)

1. The most common graph is ....
2. One of the most popular applications for using graphs ....
3. At .... you must ensure that the information is correct.

9

Write the names of three of the output units:

1. ....
2. ....
3. ....

10

Write the names of three of the input units:

1. ....
2. ....
3. ....

تقدر تحضر البث المباشر علي يوتيوب لحل الملزمة في المواعيد الاتية بالترتيب:

بث مباشر المراجعات النهائية للصف الرابع الإبتدائى ICT على قناة مستر احمد الباشا على يوتيوب :

1. **البث الأول** (الأحد 2022/12/25) الساعة 5:30 م
2. **البث الثاني** (الأثنين 2022/12/26) الساعة 5:30 م
3. **البث الثالث** (الأحد 2023/1/1) الساعة 5:30 م
4. **البث الأربعاء** (الأثنين 2023/1/2) الساعة 5:30 م

بث مباشر اضافي :

- الإثنين 2023/1/9 الساعة 7 م
- الثلاثاء 2023/1/10 الساعة 7 م

ساعة البث المباشر ادخل على يوتيوب واكتب في البحث (مستر احمد الباشا) وادخل على القناة والبث دائما في اول نتيجة تظهر لك ولا تنسي والاشتراك في القناة

Mr.Ahmed Elbasha

@MrAhmedElbasha • 657 ألف مشترك



Model Answer

(1) Choose the right answer:

1. C	6. B	11. B	16. C	21. A	26. B	31. A	36. D	41. A	46. B
2. A	7. B	12. A	17. A	22. C	27. C	32. A	37. A	42. B	47. B
3. B	8. B	13. B	18. B	23. A	28. B	33. B	38. B	43. B	48. A
4. C	9. C	14. A	19. B	24. C	29. B	34. B	39. A	44. A	49. C
5. B	10. A	15. B	20. B	25. C	30. C	35. D	40. C	45. B	

(2) Put (√) or (X) :

1. (√)	8. (√)	15. (√)	22. (√)	29. (X)	36. (X)	43. (√)
2. (X)	9. (√)	16. (X)	23. (√)	30. (√)	37. (√)	44. (X)
3. (√)	10. (√)	17. (√)	24. (√)	31. (√)	38. (X)	45. (X)
4. (X)	11. (X)	18. (X)	25. (√)	32. (X)	39. (X)	46. (X)
5. (√)	12. (√)	19. (X)	26. (√)	33. (√)	40. (√)	47. (√)
6. (√)	13. (X)	20. (√)	27. (√)	34. (X)	41. (√)	48. (√)
7. (X)	14. (X)	21. (√)	28. (X)	35. (X)	42. (√)	49. (X)

(3) Match:

1
1- d 2- a 3- b 4- c

2
1- b 2- d 3- a 4- c

3
1- d 2- a 3- c 4- e 5- b

4
1- a 2- e 3- d 4- c 5- b

5
1- c 2- a 3- b

6
1- c 2- a 3- b

(4) Complete the following :

1
1- Screen zoon software 2- CPU 3- Personal Data

2
1- Speaker 2- Windows 3- Spreadsheet

3
1- gov. 2- EKB 3- Blogs 4- Image 5- Search engine

4
1- Interview 2- GPS 3- Keyword 4- Password 5- Books and magazines

5
1- ground penetrating radar 2- drones – satellite 3- global positioning system

6
1- blogs 2- video chats 3- Emails

7
1- magnetometer 2- GPS 3- ground penetrating radar

8
1- bar graph 2- excel 3- data collection

9
1- screen 2- speaker 3- printer

10
1- Microphone 2- camera 3- keyboard



Final Revision

Mr. Ahmed Elbasha

(1) Complete the following :

1

(e-mail - screen zoom software - eye fatigue - calculator - CPU)

1- .... helps people with visual impairment read e-books and e-magazines.

2- Spending a lot of time using technology causes ....

3- A means of communication and exchanging messages among work members, which is ....

4- Pascaline machine is the first version of ....

5- .... controls data and the way it is processed.

2

(Screen – Medical hearing aids – Mentioning the owner of information – Pascaline machine – quotation marks)

1- The .... displays information (texts, photos, videos).

2- .... is one of the most important things to consider when sharing information.

3- .... helps people with disabilities who suffer from hearing problems.

4- To get specific search results, you have to add .... to the sentence.

5- The era of mechanical revolution was characterized by ....

3

(Personal data – digital blogs– Operating system – Screen zoom software – Microphone)

1- Opinions that express its owner, published on the internet are called ....

2- Your name, address and date of birth are considered ....

3- .... is a tool that helps people with visual impairment to read digital books.

4- .... enables to enter sounds into computer.

5- .... is considered a necessity to allow any computer device to work.

4

(Word – GPS– Operating system Windows – Hearing aids- Kids Search – Restart the device)

1- Tourists depend on .... to determine the location.

2- .... Is necessary to operate any computer.

3- Using .... engine is one of the ways for kids to search on the internet.

4- You can write your CV or your research using .... Program.

5- .... Helps people who suffer from hearing problems.

6- In case you couldn't open an application, you should ....

5

(data collection - data sources - bar graph - paper - excel)

1. The most common graph is ....
2. from .... Books and references.
3. You can draw graphs on ....
4. One of the most popular applications for using graphs ....
5. at .... you must ensure that the information is correct.

6

(Satellites - Global Positioning System – Drones -Ground-penetrating radar)

1. .... one of the tools used by archaeologists to find buried objects underground.
2. The pictures obtained by archaeologists, some of which may be from .... others may be from ....
3. You receive a message from a friend informing you that he has lost his way, so you try to find him using .... it is called GPS.
4. .... a device measures the magnetic field and is used to detect minerals in the ground.

7

(Applications - Operating Systems - Windows - Operating System)

1. Computer software is divided into .... programs and application programs.
2. .... one of the most famous and well-known operating system programs.
3. .... are ready-made, multi-purpose software and services.
4. .... it is the program responsible for operating and managing.

8

(Search - a member of your family - cable - software update pictures - ICT tools - reboot the computer)

1. If you are unable to open an application, restart your computer and try to open the application again, or ....
2. If you can't type with the keyboard, make sure the keyboard cable is plugged in the right place. Then ....
3. Seek help from .... in case you encounter a problem with your computer at home and are unable to resolve it.
4. If you can't find an image file, search for it in the .... folder.
5. If the mouse pointer does not work, be sure to connect it's .... to the appropriate place.
6. Computer, laptop, and tablet are ....
7. ICT tools help you .... for information on the Internet, or write some reports and assignments related to your studies.

9

(Data collection - data sources - bar graph - paper - excel)

1. The most common graph is ....
2. from .... Books and references.
3. You can draw graphs on ....
4. One of the most popular applications for using graphs ....
5. At .... you must ensure that the information is correct.

✹(2) Choose the right answer:

1. .... is a way that converts letters into prominent symbols that can be read by touching.

a- Earpiece b- Screen c- Braille

2. .... is used as a means of communication in modern times.

a- E-mail b- Pencils c- Pens

3. .... are used to communicate with audio and image.

a- Video calls b- Digital articles c- Digital blogs

4. It is preferable to .... after repairing or reinstalling the mouse to the device.

a- connect the power charger to the device

b- check electrical connections

c- restart the device

5. The component responsible for entering the data for the computer is the ....

a- keyboard b- CPU c- printer

6. The camera and microphone are used in ....

a- published articles b- text messages c- video calls

7. .... is used to express your personal opinions on the internet.

a- Digital blog b- E-mail c- GPS

8. Screen zoom software is used to help people who suffer from ....

a- hearing impairment b- visual impairment c- limb loss

9. Messages calling for unreal advertisements on your email are....................

a- download files b- spam c- personal data

10. .... is used to copy paper inside the computer.

a- Display screen b- Scanner c- Speech installer

11. One of the devices that word processing software needs to write on your computer is ....

a- keyboard b- the printer c-speakers

12. .... is a device that allows non-speakers to speak.

a- Scanner b- Printer c- Speech Synthesizer

13. Your friend sent you a friend request on a social networking site, you must ....

a- close the device b- delete the friend request c- check his identity

14. The era of the electronic revolution was characterized by the existence of ....

a- laptop b- printer c- hierographic symbols

15. One of the advantages of ICT tools is ....

a- data theft

b- helping people with disabilities

c- overuse of electronic devices

16. .... is a device that helps people with hearing impairment.

a- Speakers b- Printer c- Medical hearing aids

17. .... enables you to take the audio clips out of the computer.

a- The mouse b- The speaker c- The screen zoom software

18. When there's a problem opening one of the Apps on your computer, you might need to ....

a- restart your device b- replace the mouse c- replace the keyboard

19. .... includes your name, address and your date of birth.

a- Personal data b- Spam c- Download

20. Personal information and opinions that express their owner which are available for reading and downloading in various sites are ....

a- Published articles b- E-mails c- Text messages

21. One of the attached devices that you use during video calls is the ....

a- printer b- scanner c- camera

22. Information is considered the processing product of ....

a- data b- digital blogs c- e-mail

23. .... program is used to write reports.

a- Screen zoom software b- Word program c- Medical hearing aids

24. The .... is responsible for processing data.

a- printer b- screen c- CPU

25. You want to find a file in your pc, you should ……

a- Restart the device. b- Press on Del+Alt+Ctrl c- Use the Search Box

26. The command responsible for closing all the applications on the personal computer or laptops is ....

a- Del+Alt+Ctrl b- Alt+del+Tab c- Del+Tab+Shift

27. Your friend sent you a file and you want to save it on your device, you should ....

a- Download the file. b- Block c- Scanner

28. You shouldn't communicate with .... on social media sites.

a- Your school friend.

b- a friend of you.

c- Unknown person wants to share your information.

29. From the advantages of ICT tools ....

a- Bullying your friends.

b- Helping people of determination

c- Excess usage of electronic devices.

30. Screen magnification software enables ....

a- Showing Information

b- Hearing the information

c-Printing papers

31. When someone mistreats you on the internet, you should ....

a- Block him and tell one of your family members.

b- Send him a bad message.

c- Send a bad message to your friends.

32. Before you show your results on charts, you should ....

a- Share it online with others.

b- Analyze them.

c- Remove them.

33. The speaker allows ....

a-Input Audio data.

b- Output audio data.

c- Printing papers

34. Helps people of determination (of a missing limb) to practice their daily life ....

a- Prosthetic leg.

b- Keyboard

c- Camera

35. The timeline of technological evolution is...................

a- Word, Pen, Typewriter b- Typewriter, Pen, Word. c- Pen, Typewriter, Word.

✹(3) Put (√) or (X) :

1. All digital articles contain text only. (   )
2. Emails and text messages from the means of communication. (   )
3. Telephone was used for the first time in the era before the mechanical revolution. (   )
4. The mouse is used to typing on the computer. (   )
5. After downloading a file. Save the file to your device so you can open it again without having to browse the web. (   )
6. When you block someone. This person can see your posts or contact you (   )
7. Unreliable sources of info feature well-written text, which is virtually error-free (   )
8. Viruses that may infect your computer can lead to problems like delete your files (   )
9. Sometimes it is necessary for the relevant authorities, by the police (Inten1et Crime Department), to intervene to follow up on a problem while using the Internet (   )
10. You can upload videos download them to your device, and watch them whenever you want, of the negative effects of ICT tools. (   )
11. Egyptian Knowledge Bank granted Lebanese citizens free access to its library. (   )
12. Reliable sources are characterized by the technical design of their pages reflects a high level of professionalism. (   )
13. In order to ensure that your search does not include unwanted, you can add the (+) symbol before the words you do not want to be included in the search. (   )
14. If you are looking for information about a specific image, you can use the image instead of words in your search. (   )
15. Windows is the most popular operating system. (   )
16. You should not ask your teacher for help, in case you have a problem with your computer at school and you are unable to solve it. (   )
17. Press the Ctrl, and Shift buttons together for a short period of time when screen stopped on display data and information. (   )
18. The most popular graph is a horizontal graph because it shows different categories of information and clearly compare them. (   )
19. Archaeologists determine which sites to dig, based on the results of an aboveground survey. (   )
20. It is not important to have a strong password. (   )

21. When you tag someone, it means identifying that person in a post, photo or video. (   )

22. You should ask your teacher for help if you have a problem with your computer at school and you can't solve it. (   )

23. Bullying is when one person repeatedly acts badly toward another person. (   )

24. Respect law by not going to prohibited websites as they spread misleading info. (   )

25. You should take advantage of the security features of the browsers you choose. (   )

26. At review web sources you must make sure that the date of publication is recent. (   )

27. You can communicate with people unknown to you on the Internet (   )

28. Tell an adult you trust when encountering a form of cyber bullying (   )

29. Identity theft is a form of cyber bullying (   )

30. You can search for information with an image by pressing camera button in Google (   )

31. Choosing browsers that send alerts to users is necessary (   )

32. If you receive a warning message, show it to. a family member or teacher. (   )

33. It is preferable to write the search word in long sentences rather than just two or three words (   )

34. GPS is used in racing cars. (   )

35. Unmanned aerial vehicles (UAVs) cannot take pictures. (   )

36. The explorer is looking for petroleum only. (   )

37. Satellites used to transmit ball matches only. (   )

38. The data is analyzed in order to organize the data in a graph. (   )

39. A type of data is numeric data. (   )

40. The graph shows the volumetric relationship between the numerical quantities. (   )

41. There are no different sources of data. (   )

42. All data is reliable. (   )

43. Data is the raw material from which information is made. (   )

44. data analysis process is data collection process. (   )

45. It is not possible to graph all the data. (   )

46. Spam messages are unwanted messages that aim to advertise a product or obtain information from you. ( )

47. Be careful posting your personal photos and you should ask yourself if they are appropriate or not. ( )

48. When searching in search engines, you must type only one word. ( )

49. All materials published on the Egypt Knowledge Bank have been verified. ( )

50. You should take advantage of the security features of the browsers of your choice. ( )

51. When you block someone, that person can see your posts or contact you. ( )

52. Identity theft is when someone steals your identity over the Internet. ( )

53. To make a tag for one of your friends, means that his data will appear in the site. ( )

54. You must ask your friend's permission to tag them in posts on social media. ( )

55. There are people who communicate with you over the Internet for bad purposes, and one of these purposes is to steal your personal information. ( )

56. To avoid falling prey to bullies, you should not communicate with unknown people. ( )

57. In the case of downloading files that may be infected with a virus, it may cause of problems on your device. ( )

58. Input devices in computer work on processing data. ( )

59. Internet web is not important for obtaining information. ( )

60. The magnetometer is used to determine directions via satellites. ( )

61. Screen zoom software helps people with visual difficulties. ( )

62. CPU is a type of software. ( )

63. Block is considered one of the ways to communicate with your colleagues or friends on the internet. ( )

64. The earth's penetrating radar is used to detect underground minerals. ( )

65. Information is the final result we get after processing the data. ( )

66. Data entry is the last stage of access to final information. ( )

67. Braille transforms letters into prominent symbols and can be read by touching. ( )

68. Removing Word program from your device helps solve most problems. ( )

69. Books and magazines are sources of data collection. ( )

70. Output devices help in processing data. ( )

71. You can download files on your device without an internet service. ( )

72. E-mail is used to share data and communication among friends. ( )

73. Choosing search words helps us get the required search results. ( )

74. Word processing software is a type of device. ( )

75. You can see what you're doing in your device by looking at the display screen. ( )

76. Internet helps us in finding the information we want. ( )

77. One of the dangers of the internet is that others can use your personal data. ( )

78. GPS is used to find places you might need to visit. ( )

79. Scanner is used to print images from your computer on paper. ( )

80. The operating system is not necessary to deal with the computer. ( )

81. Satellites appeared in the era of the mechanical revolution. ( )

82. When someone is blocked, they can see your posts. ( )

83. The quotation mark "" is used to summarize the search results that you want. ( )

84. It's no harm getting your friend's information without his permission. ( )

85. Archaeologists use ground penetrating radar to find objects above the ground. ( )

86. Global Positioning System (GPS) connects to satellites to determine locations. ( )

87. The Pascaline, is an example of technology from the Pre-Mechanical Age. ( )

88. Electricity was first used during the Electro-Mechanical Age. ( )

89. A keyboard is a device used to output data. ( )

90. We use scanners to transfer text and images from paper to our computers. ( )

91. The Central Processing Unit (CPU) is a type of software. ( )

92. Assistive technology is a technology that helps people of determination go about their daily lives. ( )

93. If you can't find a file, you should restart your computer. ( )

94. You can collect data from many different sources. ( )

95. Researchers always have to use published articles to report their information. ( )

96. Surveys and experiments are one of the most important sources of data collection ( )

97. You must ask permission before posting any information related to your friends. ( )

✹(4) **Match :**

1

A	B
1. If you accidentally enter a website that displays scary images	a. with people, you do not know
2. Google	b. You can add the (+) symbol before the word you enter.
3. Search engine	c. is the most popular search engine used.
4. To ensure that your search includes these words or letters	d. is an application, designed , to help search for information across the Internet.
5. Always be careful not to communicate	e. You must leave the site immediately.

1- **2-** **3-** **4-** **5-**

2

A	B
1. Sports equipment	a. Provides independent mobility for those who cannot walk.
2. Wheelchair	b. Helps those with hearing problems.
3. Headphones	c. People of determination and amateurs who lost a limb were able to climb mountains

1- **2-** **3-**

3

A	B
1- It enables me to locate the places I am interested to visit	a- Wheel chair
2- It enables me to write letters and numbers	b- Camera
3- It helps me to move if I have a prostheses	c- GPS
4- It enables me to enter my photo at the present	d- Personal data
5- It includes my name, address and date of birth	e- Keyboard

1- **2-** **3-** **4-** **5-**

4

A	B
1- It enables you to identify objects buried underground	a- Quotation marks
2- It enables you to account for the search results that you want	b- Books and magazines
3- It helps people with visual impairment to read e-books	c- Ground penetrating Radar
4- One of data collection sources	d- Digital blogs
5- Opinions that express their owners which are published on the internet	e- Screen zoom software

1- **2-** **3-** **4-** **5-**

5

A	B
1- Is used to input texts and images from paper into the computer.	a- Browsers
2- Is used to search on the internet.	b- GPS
3- Is used to locate things via satellite	c- Video Calls.
4- Is used to communicate with your friends audio-visually.	d- Scanner.

1- **2-** **3-** **4-**

6

A	B
1- Keyboard	a- Outputs audio data
2- Speaker	b- View visual data as images.
3- Screen	c- Like Name,Address and birthdate.
4- Personal information	d- Inputs Letters and Numbers.

1- **2-** **3-** **4-**

7

A	B
1- A conversation between two or more to get information about a certain topic.	a- Spam
2- One of the digital sources which enables you to get information.	b- Download
3- Downloading files from the internet into your device.	c- Electronic Books.
4- An Advertisement about one of the products or to get information about you.	d- Interviews.

1- **2-** **3-** **4-**

Model Answer

✹(1) Complete the following :

1

1. screen zoom software
2. eye fatigue
3. e-mail
4. calculator
5. CPU

2

1. Screen
2. Mentioning the owner of information
3. Medical hearing aids
4. quotation marks
5. Pascaline machine

3

1. digital blogs
2. personal data
3. Screen zoom software
4. Microphone
5. Operating system

4

1. GPS
2. Operating system Windows
3. Kids Search
4. Word
5. Hearing aids
6. Restart the device

5

1. bar graph
2. data sources
3. paper
4. excel
5. data collection

6

1. Ground-penetrating radar
2. Satellites - Drones
3. Global Positioning System
4. Magnetometer

7

1. Operating Systems
2. Windows
3. Applications
4. Operating System

8

1. software update
2. reboot the computer
3. a member of your family
4. pictures
5. cable
6. ICT tools
7. search

9

1. bar graph
2. data source
3. Paper
4. excel
5. data collection

(2) Choose the right answer:

1. C	8. B	15. B	22. A	29. B
2. A	9. B	16. C	23. B	30. A
3. A	10. C	17. B	24. C	31. A
4. C	11. A	18. A	25. C	32. B
5. A	12. C	19. A	26. A	33. B
6. C	13. C	20. A	27. A	34. A
7. A	14. A	21. C	28. C	35. C

(3) Put (√) or (X) :

1. (X)	18. (X)	35. (X)	52. (√)	69. (√)	86. (√)
2. (√)	19. (√)	36. (X)	53. (√)	70. (X)	87. (X)
3. (X)	20. (X)	37. (X)	54. (√)	71. (X)	88. (√)
4. (X)	21. (√)	38. (√)	55. (√)	72. (√)	89. (X)
5. (√)	22. (√)	39. (√)	56. (√)	73. (√)	90. (√)
6. (X)	23. (√)	40. (√)	57. (√)	74. (X)	91. (X)
7. (X)	24. (√)	41. (X)	58. (X)	75. (√)	92. (√)
8. (√)	25. (√)	42. (X)	59. (X)	76. (√)	93. (X)
9. (√)	26. (√)	43. (√)	60. (X)	77. (√)	94. (√)
10. (X)	27. (X)	44. (X)	61. (√)	78. (√)	95. (X)
11. (X)	28. (√)	45. (√)	62. (X)	79. (X)	96. (√)
12. (√)	29. (√)	46. (√)	63. (X)	80. (X)	97. (√)
13. (X)	30. (√)	47. (√)	64. (√)	81. (X)	
14. (√)	31. (√)	48. (X)	65. (√)	82. (X)	
15. (√)	32. (√)	49. (√)	66. (X)	83. (√)	
16. (X)	33. (√)	50. (√)	67. (√)	84. (X)	
17. (X)	34. (√)	51. (X)	68. (X)	85. (X)	

✹(4) Match :

1

1-e 2-c 3-d 4-b 5-a

2

1-c 2-a 3-b

3

1-c 2-e 3-a 4-b 5-d

4

1-c 2-a 3-e 4-b 5-d

5

1-d 2-a 3-b 4-c

6

1-d 2-a 3-b 4-c

7

1-d 2-c 3-b 4-a

ICT Revision 4th Grade first term

Question 1: Put (√) in front of the correct sentence and (X) in front of the wrong one.

1. Input devices in computer work on processing data. ( )
2. Internet web is not important for obtaining information. ( )
3. The magnetometer is used to determine places via satellites. ( )
4. Screen magnification software helps people with visual difficulties. ( )
5. CPU is a type of software. ( )
6. Block is considered one of the ways to communicate with your colleagues or friends on the internet. ( )
7. The earth's penetrating radar is used to detect underground bodies. ( )
8. Information is the final result we get after processing the data. ( )
9. Data entry is the last stage of access to final information. ( )
10. Braille transforms letters into prominent symbols and can be read by touching. ( )
11. Removing Word program from your device helps solve most problems. ( )
12. Books and magazines are sources of data collection. ( )
13. Output devices help in processing data. ( )
14. Screen helps in processing data. ( )
15. You can download files on your device without an internet service. ( )
16. E-mail is used to share data and communication among friends. ( )
17. Choosing search words precisely helps us get the required search results. ( )
18. Word processing is a type of device. ( )
19. You can see what you're doing in your device by looking at the display screen. ( )
20. Internet helps us in finding the information we want. ( )
21. One of the dangers of the internet is that others can use your personal data. ( )
22. GPS is used to find places you might need to visit. ( )
23. Scanner is used to print images from your computer on paper. ( )
24. The operating system is not necessary to deal with the computer. ( )
25. Satellites appeared in the era of the mechanical revolution. ( )
26. When someone is blocked, they can see your posts. ( )
27. The quotation mark "" is used to summarize the search results that you want. ( )
28. It's no harm getting your friend's information without his permission. ( )
29. Archaeologists use ground penetrating radar to find objects above the ground. ( )
30. Global Positioning System (GPS) connects to satellites to determine locations. ( )
31. The Pascaline, is an example of technology from the Pre-Mechanical Age. ( )
32. Electricity was first used during the Electro-Mechanical Age. ( )
33. A keyboard is a device used to output data. ( )

34.We use scanners to transfer text and images from paper to our computers. (   )
35.The Central Processing Unit (CPU) is a type of software. (   )
36.Assistive technology helps people of determination go about their daily lives. (   )
37.If you can't find a file, you should restart your computer. (   )
38.You can collect data from many different sources. (   )
39.Researchers always have to use published articles to report their information. (   )
40. Surveys and experiments are one of the most important sources of data collection. (   )
41.You must ask permission before posting any information related to your friends.(   )
42.The Egyptian Knowledge Bank is one of the trusted digital sources. (   )
43.It is preferable to use a different password for each account you have on the internet.(   )
44.The (+) sign is used to get unwanted results in the search process on the Internet.(   )
45. Among the processes for verifying the accuracy of information is to be up-to-date on the Internet. (   )
46. The websites whose links (.org) have high credibility. (   )
47. You can enter the Egyptian Knowledge Bank (EKB) library for free. (   )
48. The websites whose links (.edu) have a high credibility. (   )
49. Good antivirus programs are used to protect your device from risks that may harm your device. (   )
50. It is necessary to include your passwords with letters, numbers and special symbols .(   )
51. The more difficult the password for your account, the greater the risk that you will be hacked by others. (   )

Question 2: Choose the correct answer from a , b or c

1- ......is a way that converts letters into prominent symbols that can be read by touching.
a-Earpiece   b- Screen   c- Braille

2- .... is used as a means of communication in modern times.
a-E-mail   b- Pencils   c- Pens

3- .... are used to communicate with audio and image.
a- Video calls   b- Digital articles   c- Digital blogs

4- It is preferable to .... after repairing or reinstalling the mouse to the device.
a- connect the power charger to the device   b- check electrical connections
c- restart the device

5- The component responsible for entering the data for the computer is the ....
a-keyboard   b- CPU   c- printer

6- The camera and microphone are used in ....
a- published articles   b- text messages   c- video calls

7- …………… is used to express your personal opinions on the internet.

a-Digital blog b- E-mail c- GPS

8- Screen zoom software is used to help people who suffer from ……………

a-hearing impairment b- visual impairment c- limb loss

9- Messages calling for unreal advertisements on your email are ……………

a- download files b- spam c- personal data

10- …………… is used to copy paper inside the computer.

a-Display screen b- Speech installer c- Scanner

11- One of the devices that word processing software needs to write on your computer is ………

a- keyboard b- the printer c-speakers

12- …………… is a device that allows non-speakers to speak.

a-Scanner b- Printer c- Speech Synthesizer

13- Your friend or Someone sent you a friend request on a social networking site, you must ………

a-close the device b- delete the friend request c- check his identity

14- The era of the electronic revolution was characterized by the existence of ………

a- laptop b- printer c- hierographic symbols

15- One of the advantages of ICT tools is ………

a-data theft b- helping people with disabilities c- overuse of electronic devices

16- ……… is a device that helps people with hearing impairment.

a- Scanner b- Printer c- Alternate communication softwares

17- ……… enables you to take the audio clips out of the computer.

a- The mouse b- The speaker c- The screen zoom software

18- When there's a problem opening one of the Apps on your computer, you might need to ………

a- restart your device b- replace the mouse c- replace the keyboard

19- includes your name, address and your date of birth.

a- Personal data b-Spam c- Download

20- Personal information and opinions that express their owner which are available for reading and downloading in various sites are ………

a-Published articles b- E-mails c- Text messages

21- One of the attached devices that you use during video calls is the ………

a-printer b- scanner c- camera

22- Information is considered the processing product of ………

a-data b- digital blogs c- e-mail

23- ………program is used to write reports or CV (Resume).

a-Screen magnification b- Word program c- Speech synthesizer

24- The ....is responsible for processing data.

a-printer b- screen c- CPU

25- You want to find a file in your pc, you should ....

a- Restart the device. b- Press on Del+Alt+Ctrl c- Use the Search Box

26- The command responsible for closing all the applications on the personal computer or laptops is ......

a- Del+Alt+Ctrl b- Alt+del+Tab c- Del+Tab+Shift

27- Your friend sent you a file and you want to save it on your device, you should ....

a- Download the file. b- Block c- Scanner

28- You shouldn't communicate with .... on social media sites.

a-Your school friend. b- a friend of you. C- Unknown person wants to share your information.

29- From the advantages of ICT tools ....

a-Bullying your friends. b- Helping people of determination c- Excess usage of electronic devices.

30- Screen magnification software enables ......

a- Showing Information b- Hearing the information c-Printing papers

31- When someone mistreats you on the internet, you should ....

a-Block him and tell one of your family members. b-Send him a bad message.

c- Send a bad message to your friends.

32- Before you show your results on charts, you should .....

a-Share it online with others. b- Analyze them. c- Remove them.

33- The speaker allows ....

a- Input Audio data. b-Output audio information. c-Printing papers

34- Helps people of determination (of a missing limb) to practice their daily life

a-Prosthetic leg. b-Alternate communication software c-Hearing aids

35- The timeline of technological evolution is ....

a-Word, Pen, Typewriter b-Typewriter, Pen, Word. c-Pen, Typewriter, Word.

36- One of the strongest passwords ....

a-mostafa b- Ahmed@3# C-12345678

37- 36-It is necessary that your password contain letters and ....

a-numbers and special symbols b- Your name and address

c-Your family name and address

38- Unknown persons accessing your accounts on the Internet is called ....

a-Bullying b- penetration c- Download files

39- .... is considered one of the most reliable sources on the Internet.

a. Published articles. b- Digital blogging c-Egyptian Knowledge Bank

40- The .... program protects your devices from the risks that may harm.

a. Word processing B. PowerPoint presentations c. Antivirus

Question 3: (A) Complete the following sentences with suitable words between brackets.

(Egyptian Knowledge Bank- e-mail - screen zoom software - eye fatigue - calculator - CPU)

1- ……………………helps people with visual impairment read e-books and e-magazines.
2- Spending a lot of time using technology causes ……………………
3- A means of communication and exchanging messages among work members, which is ……………………
4- Pascaline machine is the first version of ……………………
5- ……………………controls data and the way it is processed.
6- It is ……………………is one of the reliable digital sources on the Internet.

(B) Complete the following sentences with suitable words between brackets.

(Screen – Medical hearing aids – Mentioning the owner of information – Pascaline machine – quotation marks -serious)

1- The ……………………displays information (texts, photos, videos).
2- ……………is one of the most important things to consider when sharing information.
3- ……………………helps people with disabilities who suffer from hearing problems.
4- To get specific search results, you have to add ……………………to the sentence.
5- The era of mechanical revolution was characterized by ……………………
6- Viruses are one of the …………………… things that infect the computer

----

(C) Complete the following sentences with suitable words between brackets.

(digital blogs – Operating system – Screen zoom software – Microphone - The Department for Combating Internet Crimes-personal data)

1- Opinions that express its owner, published on the internet are called ……………………
2- Your name, address and date of birth are considered ……………………
3- ……… is a tool that helps people with visual impairment to read digital books.
4- ……………………enables to enter sounds into computer.
5- ……………………is considered a necessity to allow any computer device to work.
6- …………………… is one of the parties that you can communicate with when you are exposed to one of the dangers on the Internet.

(D) Complete the following sentences with suitable words between brackets.

(Word – GPS– Operating system Windows – Hearing aids- Kids Search – Restart the device)

1- Tourists depend on ……………………to determine the location.
2- ……………………Is necessary to operate any computer.
3- Using ……………………engine one of the ways for kids to search on the internet.

4- You can write your CV or your research using ....Program.
5- .... Helps people who suffer from hearing problems.
6- In case you couldn't open an application, you should ....

Question 4: (1) Match from column (A) that suits it from column (B)

(A)	(B)
1- It enables me to locate the places I am interested to visit	a- Wheel chair
2- It enables me to write letters and numbers	a- Camera
3- It helps me to move if I have a prostheses	b- GPS
4- It enables me to enter my photo at the present	c- Personal data
5- It includes my name, address and date of birth	d- Keyboard
6- It includes symbols, numbers, special symbols	e- password

(2) Match from column (A) that suits it from column (B)

(A)	(B)
1- It enables you to identify objects buried underground	a- Quotation marks
2- It enables you to account for the search results that you want	b- Books and magazines
3- It helps people with visual impairment to read e-books 4- One of data collection sources	c- Ground penetrating Radar d- Digital blogs
5- Opinions that express their owners which are published on the internet	e- Screen zoom software

(3) Match from column (A) that suits it from column (B)

(A)	(B)
1- Is used to input texts and images from paper into the computer.	a- Browsers
2- Is used to search on the internet.	b- GPS
3- Is used locate things via satellite	c- Video Calls.
4- Is used to communicate with your friends audio-visually.	d- Scanner.
5- Someone impersonating your personal information on social media	e- Identity theft

(4) Match from column (A) that suits it from column (B)

(A)	(B)
1- Keyboard	a- Outputs audio data
2- Speaker 3- Screen	b- View visual data as images. c- Like Name,Address and birthdate.
4- Personal information.	d- Inputs Letters and Numbers.
5- Advertising Poster	e- to present your ideas through bright colors, graphics, images and shapes

(5) Match from column (A) that suits it from column (B)

(A)	(B)
1- A conversation between two or more to get information about a certain topic.	a- Spam
2- One of the digital sources which enables you to get information. 3- Downloading files from the internet into your device.	b- Download c- Electronic Books.
4- An Advertisement about one of the products or to get information about you.	d- Interviews.
5- Help you protect your device from damages that may harm it.	e- Antivirus programs

Question 5: Read the following sentences, and put a line under your choice.

1- Your teacher asked you to write an article about (Detecting Computer's malfunctions), so you need to

a- Define the article title, (Computer Games- Reasons of Computer's Stoppage).

b- Define the suitable sources to collect data and information for your research (Make an interview with your teacher or friend- Blogs).

c- How do you attract your fans to read your research (Put an attractive title- Speaking outside the framework of your research).

2- Your teacher asked you to help him in searching for a file on the computer, you should

a- Open (Scanner- Computer).

b- Define (File Name- Printer).

c- Choose (Word Program- Search Box).

3- Complete the following sentences by underling the correct answer:

A- The CD is considered from the (Digital - Printed) Sources.

B-The preferred sources for collecting data (Social media sites- Surveys and experiments)

C-To easily read the collected results, you can use (Charts-Blogs).

D- Someone took a picture of you without your permission, This action is (inappropriate- appropriate).

E-One of the advantages of the ICT tools is (Downloading a photo to use it on a research or an article- Bullying Friends).

F- Computer malfunction is a/an (Impossible- Possible) Thing.

g-If you are bullied on a social networking site, you should (tell your parents - bully him)

h-One of the most credible electronic links on the Internet (.pip - .gov).

i- One of the programs that help you present your ideas in an interesting and attractive way and add video clips. (Paint- PowerPoint presentations).